

AWARD NAME	Submission Title	Authors/Contributors	COMPANY/SCHOOL
AM Start-Up Technology Award (WINNER)	<i>Improving Durability and Consistency in Metal Additive Manufacturing</i>	Alex Tilita, PhD, Founder & CEO	MatterWave
Digital Manufacturing Challenge (High School Category – WINNER)	Cicada-Inspired Novel 3D-Printed Micropillar Patch Design for Thermo-Responsive Smart Gel Based Drug Delivery Systems	AUTHOR: Vallabh Ramesh ADVISOR: Kunal Kate, PhD	duPont Manual High School
Digital Manufacturing Challenge (Undergraduate Category – WINNER)	LokJaw Vertical Clamping Device	AUTHORS: Jorge Avina, Brett Moore, Misael Mendoza, Tyler Krausz, Jacob Miller, Ahmed Omar ADVISOR: Sepideh Abolghasem, PhD	California State University, Northridge
Digital Manufacturing Challenge (Graduate Category – WINNER)	Bridging Topology Optimization and Digital Manufacturing Through 3D Fiber Tethering (3DFit) for High-Performance Composite Structures	AUTHORS: Md Habib Ullah Khan, Md Mohaiminul Islam, Janeshwar Sharma, Ismail Mujtaba Khan, Kaiyue Deng ADVISOR: Kelvin Fu, PhD	University of Delaware & Temple University
AM Industry Achievement Award (WINNER)	N/A	Max Lobovsky, CEO & Co-Founder	Formlabs

<p>Aubin AM Case Study Award (WINNER)</p>	<p>Large Scale Additive Manufacturing of Precision Composite Tooling to Accelerate Nuclear Infrastructure Deployment</p>	<p>CONTRIBUTORS: (bold text = primary contributors)</p> <p>Ahmed Arabi Hassen, PhD – Group Leader, Composites Innovation Group, Oak Ridge National Laboratory Kevin Zinn – Technical Staff Member, Manufacturing, Oak Ridge National Laboratory Susan MacKay, PhD – Senior R&D Program Manager II, Advanced Structures & Composites Center, University of Maine Ahmed Elhatab, PhD, SE, PE – Principal Engineer, Kairos Power Edward Blandford, PhD – Chief Technology Officer and Co-Founder, Kairos Power Ryan Dehoff, PhD – Director, Manufacturing Demonstration Facility, Oak Ridge National Laboratory Soydan Ozcan, PhD – Group Leader, Sustainable Manufacturing Technology, Oak Ridge National Laboratory Randy Lind – Technical Professional, Manufacturing, Oak Ridge National Laboratory Tyler Smith – Technical Associate Staff Member, Oak Ridge National Laboratory Alex Roschli, PhD – R&D Staff, Oak Ridge National Laboratory Pum Kim, PhD – Senior R&D Staff, Oak Ridge National Laboratory Katie Copenhaver, PhD – R&D Associate Staff Member, Sustainable Manufacturing, Oak Ridge National Laboratory Sherith Bankston – Project Management Staff Member, Oak Ridge National Laboratory Brittany Rodriguez – Technical Staff, Advanced Polymer Composites, Oak Ridge National Laboratory Halil Tekinalp – Senior R&D Staff Member, Sustainable Manufacturing, Oak Ridge National Laboratory David Nuttal – Technical Staff Consultant, Composites Innovation Group, Oak Ridge National Laboratory Wesley Bisson – Additive Manufacturing Operations Manager, University of Maine Scott Tomlinson – Researcher, Structural Engineering and FEA Modeling, University of Maine Nathan Fessler, MBA – Research Engineer, Advanced Structures & Composites Center, University of Maine Brian Song, PE – Director, Civil Structures, Kairos Power Kim Seeber – Consultant for Kairos Power and SR. VP at Seaboard Services of Virginia, Inc.</p>	
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